



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D5110-1
Job Sheet 184004



Part No: D5110-1

Job Qty: 4 ea

Part Name: Swivel Nut Fitting



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 10/1/18

Job Tracking No:

Due Date: 10/26/18

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG REV B IPP REV:A 14.06.18 AS PER DWG REV:A DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Purchasing	4 pcs		10/26/18	0.00	0.00	Purchasing		OCT 09 2018
110	Packaging	4 pcs		10/26/18	0.00	0.00	Packaging2		OCT 09 2018
120	QC	4 pcs		10/26/18	0.00	0.00	QC6		38
121	CNC Vertical Machining	4 pcs		10/26/18	0.07	1.11	HAAS 5 Axis		18-12-06
123	QC	4 pcs		10/26/18	0.00	0.00	QC8		18/12/08
130	Packaging	4 pcs		10/26/18	0.00	0.00	Packaging3-2		DEC 08 2018
140	QC21-SA	4 Ea		10/26/18	0.00	0.00	QC21		DEC 01 2018

Part Op
Descriptions: 100 - Issue PO 041212 Wainbee

OCT 02 2018 x4

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
12 C6X SS	Swivel Nut Fitting	4 pcs (1 ea)	100-Purchasing	5116502

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	12 C6X SS	4	0	0

Part Specifications

Spec No	Description	Target/Tolerance	Limits	Type	Special Comments
1	Swivel Nut Fitting	0.280Inches ± 0.030	0.310 0.250		
2	Swivel Nut Fitting	0.063Inches + 0.004 - 0.001	0.067 0.062	Diameter	
3	Swivel Nut Fitting	0.607Inches ± 0.010	0.617 0.597		

Plex 10/2/18 8:38 AM dart.lavoie.chantal



Part: D5110-1

Job No: 184004

Serial No/Batch: S116503

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

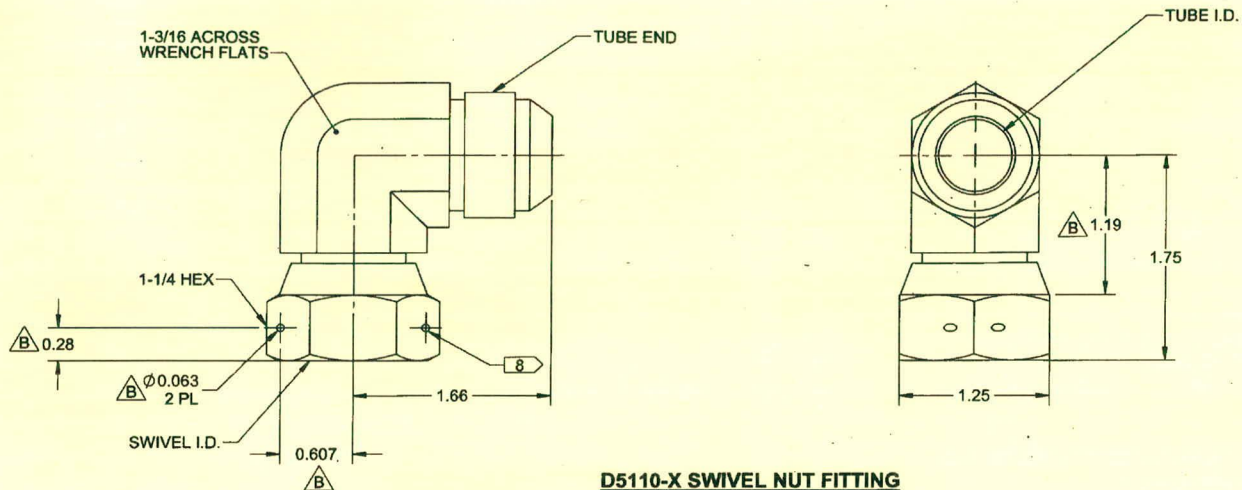
Dart Aerospace Ltd.

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7

CANADA
 TEL.: 1 613 632-5200
 Email: sales@dartaero.com
www.dartaerospace.com

Date: 10/09/18

SPECIFICATION CONTROL DRAWING



SHOP COPY
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UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 184004 MWS
1870-01

DART PART NUMBER	VENDOR PART NUMBER	TUBE END	TUBE ID	SWIVEL END	SWIVEL ID	MATERIAL	POSSIBLE SUPPLIER	WEIGHT
D5110-1	12 C6X SS	1-1/16 - 12 UNF-2A	0.610	1-1/16 - 12 UNF-2A	0.610	316 SS	PARKER HANNIFIN	1.90 LBS

- NOTES:
- 1) SUPPLIER: SEE TABLE
 - 2) MATERIAL: SEE TABLE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: N/A
 - 6) IDENTIFICATION: PER QSI 044 6.1
 - 7) WEIGHT: PER TABLE
 - 8) LOCKWIRE HOLES TO BE ADDED BY PRODUCTION

RELEASED
2016-08-04
ECN 16-622

APPROVED

B	ADDED LOCKWIRE HOLES	CC	16.06.20
A	NEW ISSUE	DB	14.04.24
REV.	DESCRIPTION	BY	DATE
DESIGN	DB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	CC		
CHECKED	AK	DRAWING NO.	REV. B
MFG. APPR.	JLM	D5110	SHEET 1 OF 1
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	SWIVEL NUT FITTING	NTS
DATE	16.06.20	COPYRIGHT © 2014 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐								
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval					
Description Work Order Deviation				Disposition				Completed By				
								Lead hand / Supervisor Approval Verification				
												QC / QA Coordinator Approval
Root Cause		FAULT CATEGORY										
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐							
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐							
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐							
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐							
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐							
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐							
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐							
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐							
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐							
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐							
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____										
Misidentified ☐	Past Due ☐											



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO041212**

Supplier: WAI001-VC
Wainbee Ltee
215 Boul. Brunswick
Pointe-Claire
QC
H9R 4R7 Canada
Phone: 514 697 8810
Fax: 514 697 3070

PO No: PO041212
PO Date: 10/2/18
Due Date: 10/12/18
Purchase Order Revision:
Revision Date:
Ship-To Contact: Phone:

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground
Pymt Terms: Net 30
Freight Terms:
Special Comments:

E-MAILED
OCT 02 2018

Items

Line Item	Job	Part	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	184004	12 C6X SS			Swivel Nut Fitting As Per Dwg D5110 Rev. B	Firmed	-	10/12/18	4 pcs	0 pcs	4 pcs	\$177.748/pcs	\$710.99
Grand Total:													\$710.99

Order Notes

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Procurement Quality Clauses

A005 RIGHT OF ENTRY
A007 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION MAINTAINED BY SUPPLIER)
A012 CHEMICAL AND PHYSICAL TEST REPORTS
A016 PERSONNEL QUALIFICATION
A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)
A026 CERTIFICATION OF MATERIAL CONFORMANCE
A041 QUALITY MANAGEMENT SYSTEM
A042 DART NOTIFICATION BY SUPPLIER
A043 RETENTION OF QUALITY DOCUMENT

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM
A049 SUPPLIER AWARENESS

Plex 10/2/18 11:10 AM dart.tsimiklis.chrisoula

DAS
38
9-89

040
88
33-1



WAINBEE LIMITED
215 BOUL BRUNSWICK
POINTE-CLAIRE, QC H9R 4R7
Phone: 514-697-8810 Fax: 514-697-3070

Packing List

CUSTOMER P/O NUMBER

PO041212

RELEASE # 15052891-1

DATE 10/04/18 13:00:39

127404
DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7
613-632-5246

SHIP TO
DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7

ORDER NUMBER 15052891	ORDER DATE 10/02/18	SHIP DATE 10/04/18	WRITTEN BY Hugues Roy	CONTACT CHRISOULA TSIMIKLIS(E)
CUSTOMER P/O NUMBER PO041212				
JOB #				
RELEASE #				
PRODUCT / DESCRIPTION	QUANTITY OPEN	U/M	QUANTITY SHIPPED	QUANTITY BACKORDERED

12 C6X-SS



PARKER FITTING

4 EA

4

0

177.748

710.99
DAS
38
9-89

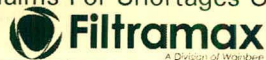
Wainbee's Standard Terms and Conditions Apply

Returned Goods Not Accepted Without Prior Authorization.

Claims For Shortages Or Losses Are Not Accepted 10 Days After Shipment.

PAGE

1 OF 1



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Filtramax is wholly owned and operated by Wainbee Limited.

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Reply all | ▾ Delete Junk | ▾ ...

RE: PO041212 Job# 184004 Part # 12C6XSS No CFC Wainee

CL

Chantal Lavoie

Today, 7:20 AM

Natasha Belanger ▾

Reply all | ▾

Inbox

Hi Natasha,
Packing slip only acceptable.
Thanks
Chantal

From: Natasha Belanger
Sent: Friday, October 05, 2018 4:20 PM
To: Chantal Lavoie <clavoie@dartaero.com>
Subject: PO041212 Job# 184004 Part # 12C6XSS No CFC Wainee

Good Morning Chantal!

I hope you had nice restful weekend.

Can you please advise if we need a CFC, is so please request one.
I only received packing slip, for this PO.

Thank you,
Natasha Bélanger
Receiver

DART AEROSPACE
T 1 613 632-5200 > 248
F 1 613 632-5246
1 800 556- 4166
www.dartaerospace.com

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